

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12334

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A44C17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A44C B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 637 244 A (EROKHIN ALEXANDER I) 10 June 1997 (1997-06-10) column 4, line 56 - column 5, line 25; claim 1; figures 1,3	1,3-9
X	US 2002/018255 A1 (KIHARA NOBUHIRO) 14 February 2002 (2002-02-14) paragraphs '0007! - '0010!; figures 1,2	2
X	US 5 190 024 A (SENANAYAKE DAYA R) 2 March 1993 (1993-03-02) column 5, line 6 - line 25	11-13
X	US 5 454 234 A (KARMEI DAVID D) 3 October 1995 (1995-10-03) column 2, line 3 - line 50; figures 1a,1b	11-13

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

2 July 2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 5 072 549 A (JOHNSTON HAROLD) 17 December 1991 (1991-12-17) column 1, line 23 - line 43 column 2, line 13 - line 62 -----	11-13
A	US 6 330 523 B1 (DIMS DALE JERRY ET AL) 11 December 2001 (2001-12-11) column 8, line 7 - column 9, line 17; figures 1,2,1a -----	11-13
A	US 5 552 992 A (HUNTER CHARLES R) 3 September 1996 (1996-09-03) the whole document -----	1

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Information on patent family members

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